



IBM Bank Teller Business Component, Enterprise Edition
IBM Bank Teller Business Component, Workgroup Edition

Release Notes

Version 4.0.3

... A member of the WebSphere Business Components family

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 5.

Fourth Edition (December 2001)

This edition applies to version 4.0.3 of IBM Bank Teller Business Component, Enterprise Edition and IBM Bank Teller Business Component, Workgroup Edition (product number 5724-A11), and to all subsequent releases and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product.

Corrections and suggestions for future revisions of this document are appreciated. Mail your comments to:

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IBM Bank Teller Business Component 4.0.3

This document contains detailed information about version 4.0.3 of IBM Bank Teller Business Component, Enterprise Edition and IBM Bank Teller Business Component, Workgroup Edition, including system requirements and prerequisites.

New in this release

The following additions and enhancements were made since the previous release of the Bank Teller Business Component.

IFX Messages and Transactions (IFX Teller)

Database tables

The Bank Teller Business Component provides a set of DDL files that create and populate the database tables with sample data.

Cash Drawer Management

The cash drawer static specifications are now in separate XML files (one per branch). The service definition file (dservce.xml) contains definitions that point to these files.

Branch Administration steps

The following operation steps are new in this release:

- **CheckUserStatusStep** (com.ibm.dse.appl.bas.ifx.CheckUserStatusStep) checks that the user has a status of initialized.
- **CheckBranchOpenStep** (com.ibm.dse.appl.bas.ifx.CheckBranchOpenStep) checks that the branch is open. Operations containing steps that require an open branch must execute the CheckBranchOpenStep before executing the other steps.
- **GenerateDocNumberStep** (com.ibm.dse.appl.bas.ifx.GenerateDocNumberStep) generates identifiers for documents such as the teller exchange start transaction.
- **CDMInitXMLStep** (com.ibm.dse.appl.cdms.InitializeXMLStep) processes the XML file containing the static specifications for the branch's cash drawers.

New messages

- **Initialize User In Branch Transaction** <tlr.InitializeUserRq/Rs> This message initializes a user for a branch. The system uses it immediately after signon request to identify the branch to which a user is signing on (as the teller system should allow a defined user to signon to any of the financial institution branches in a transparent way) and initialize all user data for that branch such as cash drawers and limits.
- Totals Query <tlr.TotalsInqRq/Rs>
- Cash Drawer Modify Transaction <tlr.CashDrwrModRq/Rs>
- Temporary Signoff transaction <SignoffRq/Rs>

- User End Of Day Sign-off <tlr.SignoffRq/Rs>
- Cash Tray Query Transaction <CashTrayInqRq/Rs>

Modified aggregates

The Payment Record Aggregate <tlr.PmtRec> has been modified. Refer to the message specification for the new implementation of the aggregate.

Documentation

The product documentation includes both HTML and PDF documents, which are accessible through the online information system. The online information follows the IBM-approved online information architecture and can be installed on a local machine or viewed directly from the CD-ROM.

To use the online information system, you must have a Java-supported Internet browser. For the PDF documents, you need a copy of Acrobat Reader 3.02 or higher.

Migration

This document describes the steps to take when migrating between different versions of WebSphere Business Components Composer. These steps do not apply to new installations.

Upgrade the Development Workbench from 4.0 PTF5 to PTF6

To properly update the Development Workbench in Composer 4.0 PTF5 to PTF6, you must do the following procedures:

Update the users table with a new column

1. Start DB2. From the Tools menu, open the Control Center and then open the Command Center.
2. For each user workspace, do the following:
 - a. Select the Interactive radio button. Connect to the user workspace by entering the following into the connection text area:


```
connect to <workspace_name> user <workspace_owner> using
<workspace_owner_password>
```

 where you replace <workspace_name>, <workspace_owner>, and <workspace_owner_password> with the appropriate values for your workspace.
 - b. Select the Script radio button. Select **Script** and then select **Open**.
 - c. Browse to the addUserDataColumnToUsersTable.sql file in the install_directory\dwinstall\UpdateFROMPTF5toPTF6 directory and select it.
 - d. Click **Execute**. This creates a new users table field.
3. For each shared repository, do the following:
 - a. Select the Interactive radio button. Connect to the user workspace by entering the following into the connection text area:


```
connect to <repository_name> user <repository_owner> using
<repository_owner_password>
```

 where you replace <repository_name>, <repository_owner>, and <repository_owner_password> with the appropriate values for your workspace.
 - b. Select the Script radio button. Select **Script** and then select **Open**.

- c. Browse to the addUserDataColumnToUsersTable.sql file in the install_directory\dwinstall\UpdateFROMPTF5toPTF6 directory and select it.
 - d. Click **Execute**.
- 4. Exit from DB2

Solve a repository problem of previous version

1. Execute the RepositoryUpdate.cmd contained in the install_directory\dwinstall\UpdateFROMPTF5toPTF6 directory.
2. Connect to the shared repository.
3. For each workspace, do the following steps:
 - a. Version all the definitions (entities, instances, and groups) in the workspace.
 - b. Drop the tables of the workspace from the DB2 Control Center. To do this, select all of the tables, right click one, and click **Drop** from the pop-up menu.
 - c. Execute the user_management.cmd file contained in the install_directory\dwinstall\ directory.
 - d. Select the workspace user and click **Edit**. Click **Create workspace** option to recreate the workspace.
 - e. Import the definitions you need to each workspace from the repository.

Update the default contents (predefined groups, entities, and instances) of the Development Workbench

Note: you only need to do this procedure if you want the latest definitions

1. Open the Development Workbench and create a temporary user workspace.
2. In the Repository Explorer, click **Add to Workspace** from the Workbench menu. Add the entire model contained in the version 4.0e shared repository.
3. Exit the Development Workbench.
4. Start DB2. From the Tools menu, open the Control Center and then open the Command Center.
5. Select the Interactive radio button. Connect to the temporary user workspace by entering the following into the connection text area:

```
connect to <workspace_name> user <workspace_owner> using  
<workspace_owner_password>
```

where you replace <workspace_name>, <workspace_owner>, and <workspace_owner_password> with the appropriate values for your workspace.
6. Select the Script radio button. Select **Script** and then select **Open**.
7. Browse to the dw_repDefsUpdateFromPTF5.sql file in the <install_directory>\dwinstall\UpdateFROMPTF5toPTF6 directory and select it.
8. Click **Execute**. This updates the temporary workspace with the new default contents.
9. Exit the DB2.
10. Start the Development Workbench and connect to the new user workspace. Open new editions of all the entities, groups, and instances.

Tip: create open editions for all the entities first to complete this step quicker.
11. Version the new editions to the shared repository. The recommended name is 4.0f.
12. Delete the temporary workspace.
13. For each user workspace, add the contents of the shared repository. This upgrades the user's data from PTF5 to the default values of PTF6.
14. Review any validation errors that the upgrade may have caused. These validation errors are caused by changes in the data definitions.

Hardware and Software Requirements

For the hardware and software requirements, see the Installation Guide or the General Information Manual.

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